

ABSTRACT

A supply chain transaction network. The network includes a customer agent server hosting a collection of intelligent customer agents for interfacing with and extracting information from one or more of a condition monitoring system, a computer maintenance management system and a procurement system and a distributor agent server hosting a collection of intelligent distributor agents for interfacing and communicating with one or more of a supply chain planning system, an inventory management system, a logistic management system, an order management system, an intelligent order fulfillment system, and an equipment knowledge base. An agent network manager and broker routes messages between the distributor agent server and the customer agent server to effect a movement of items within the supply chain.